



# Scientific data visualization

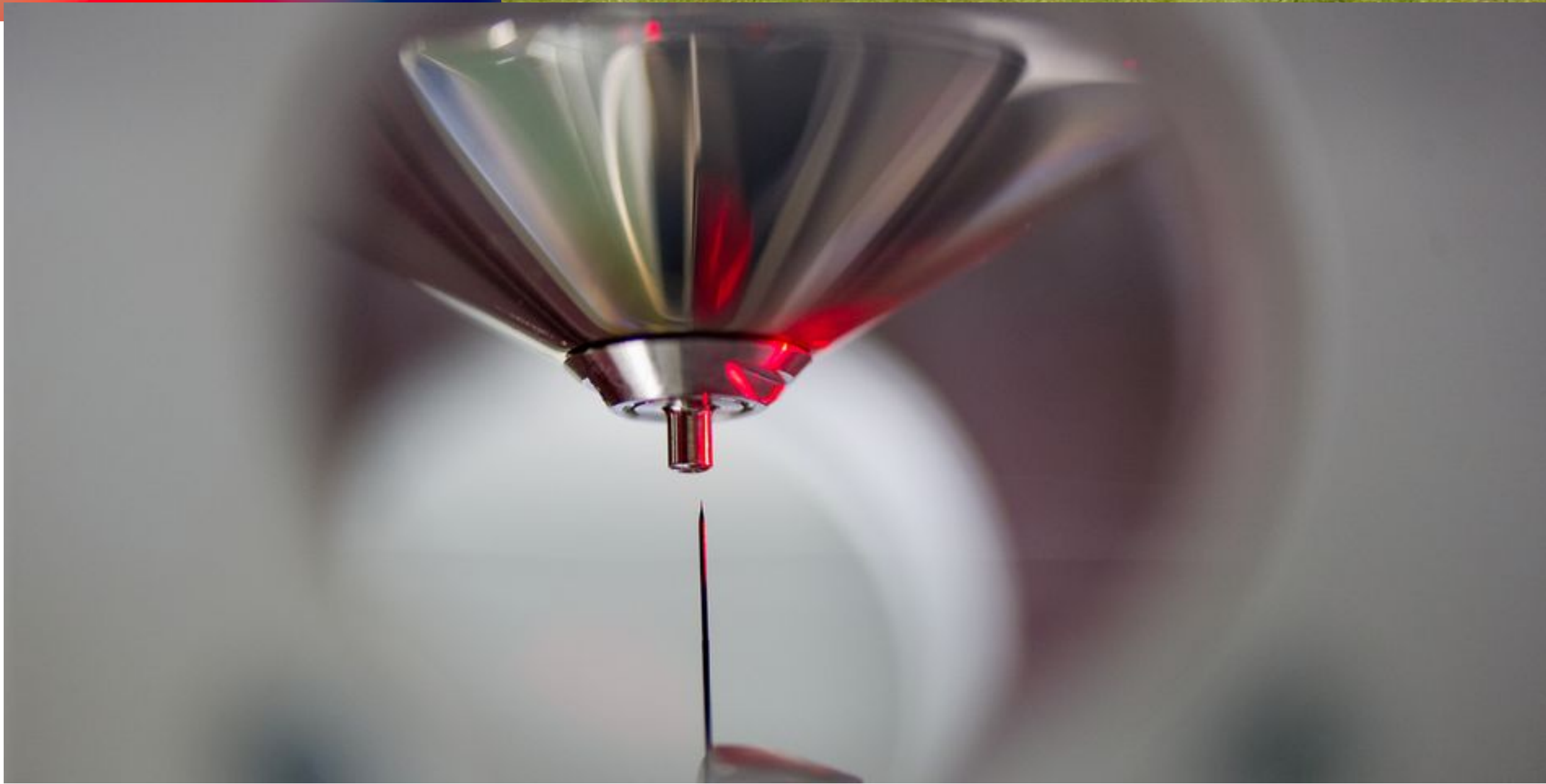
## Welcome

Matthias Stahl, PhD

**That's me**



2014





2018



Technische Universität München  
Fakultät für Chemie | Lehrstuhl für Organische Chemie II

## Chemical protein manipulations and their application in proteomics data mining

MATTHIAS STAHL

Vollständiger Abdruck der von der Fakultät für Chemie der Technischen Universität München zur  
Erlangung des akademischen Grades eines

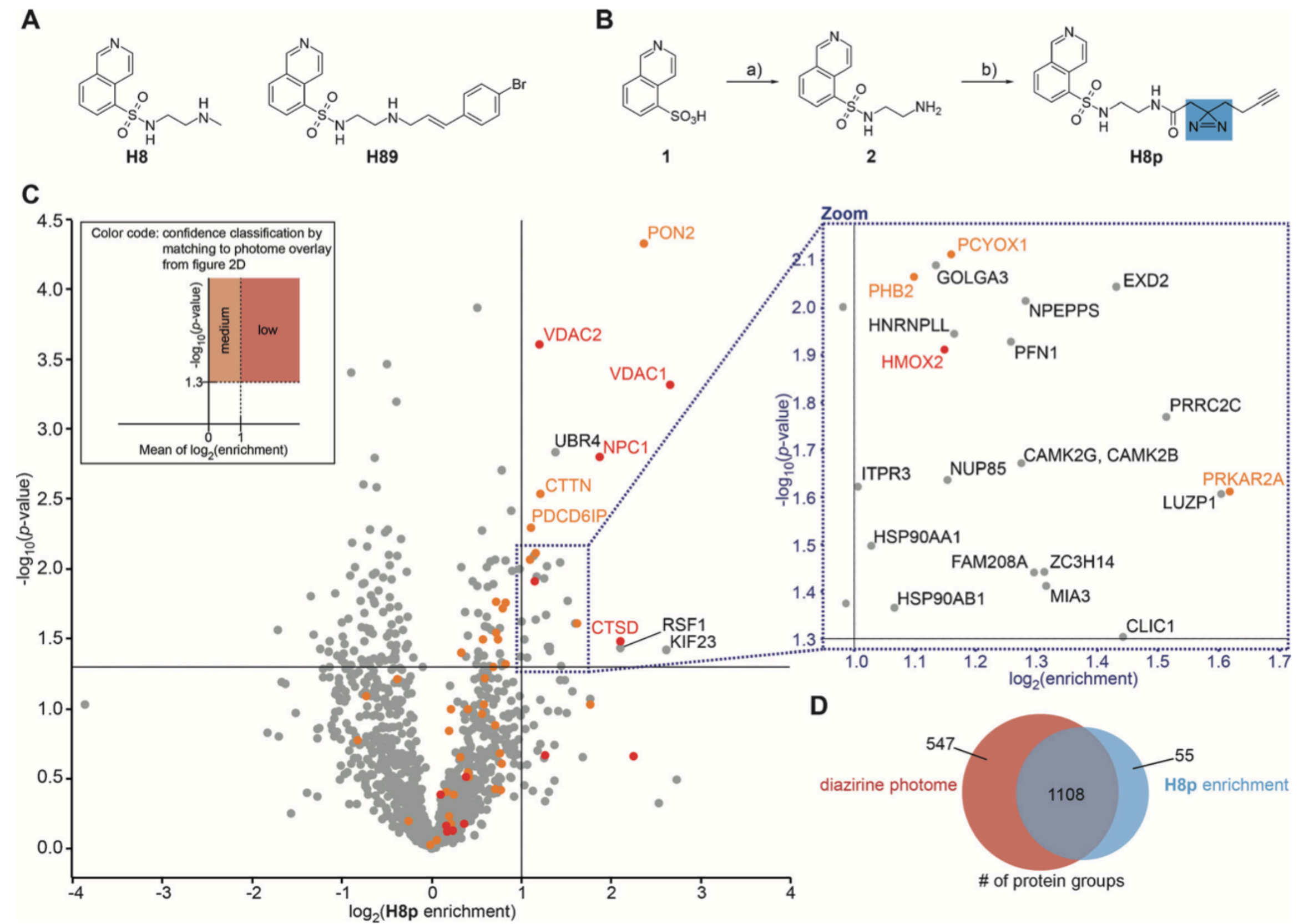
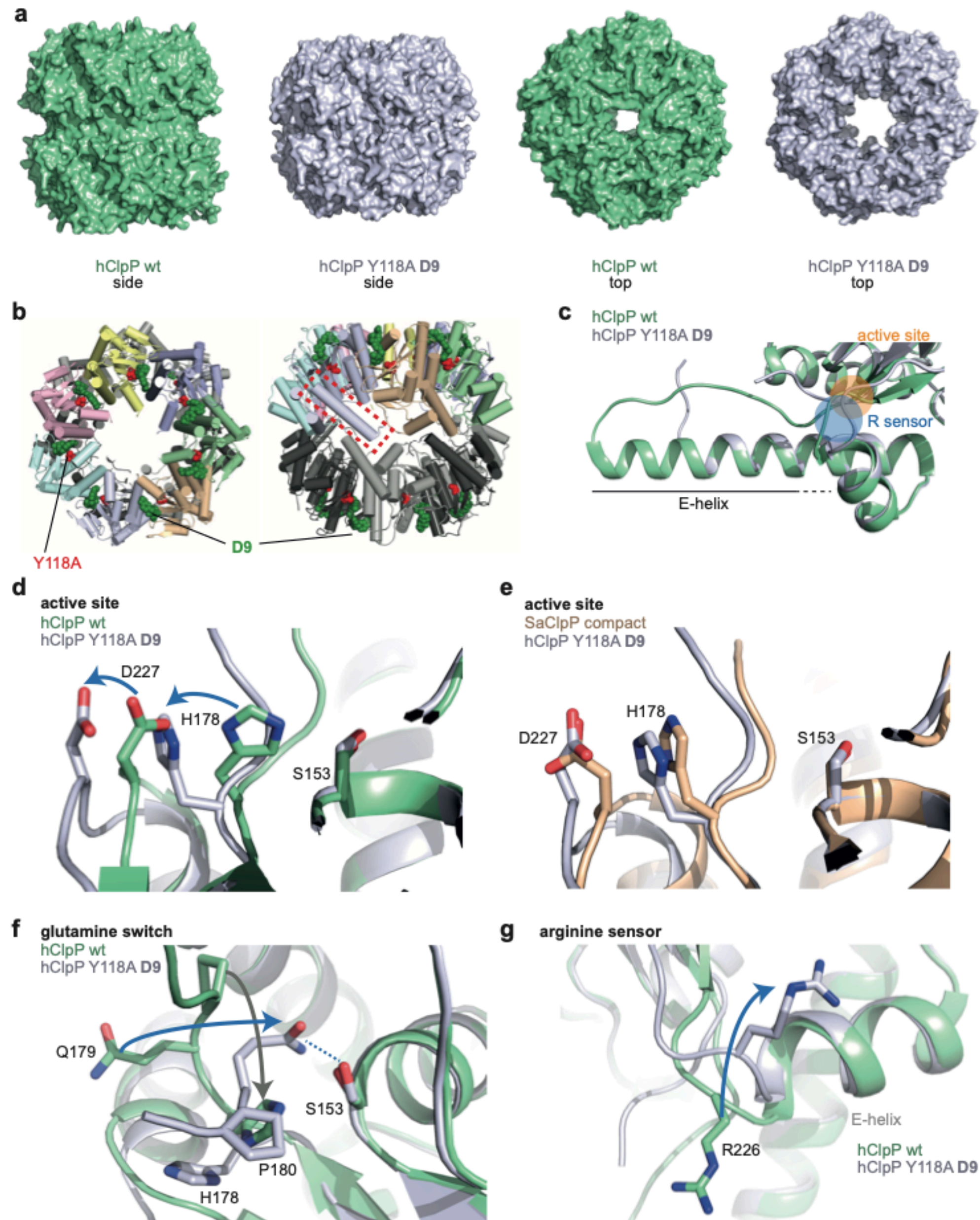
**Doktors der Naturwissenschaften (Dr. rer. nat.)**

genehmigten Dissertation.

Vorsitzende: Prof. Dr. Kathrin Lang  
Prüfende der Dissertation: 1. Prof. Dr. Stephan A. Sieber  
2. Prof. Dr. Matthias Feige  
3. Prof. Dr. Steven Verhelst

Die Dissertation wurde am 18.01.2018 bei der Technischen Universität München eingereicht und  
durch die Fakultät für Chemie am 19.02.2018 angenommen.







2018

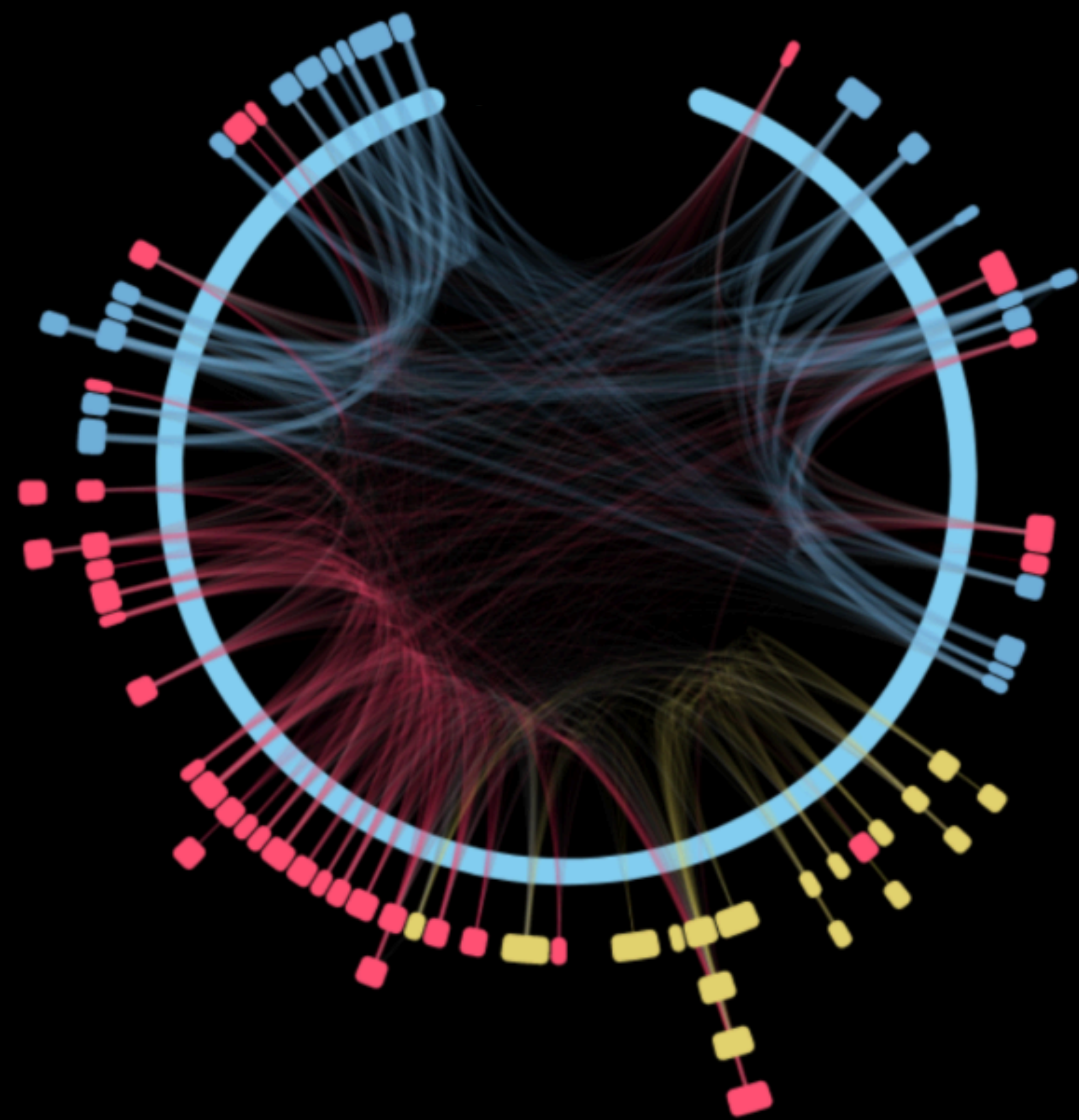








2019





**I found my research too abstract**

**...too far away from people's lives.**





*A place for*

**unique & beautiful  
data visualizations  
and data art**



**Hi, my name is Shirley.**

*I'm an award-winning creative  
focused on data-driven  
art and visualizations.*

[twitter](#) | [newsletter](#)

## Maarten Lambrechts

[DATA JOURNALIST](#) | [DATA DESIGNER](#) | [VISUALIZATION CONSULTANT](#)

**TULP interactive**  
DATA EXPERIENCE DESIGN



Hi. My name is Moritz Stefaner.

I live and breathe data visualization —  
as an independent designer and consultant.

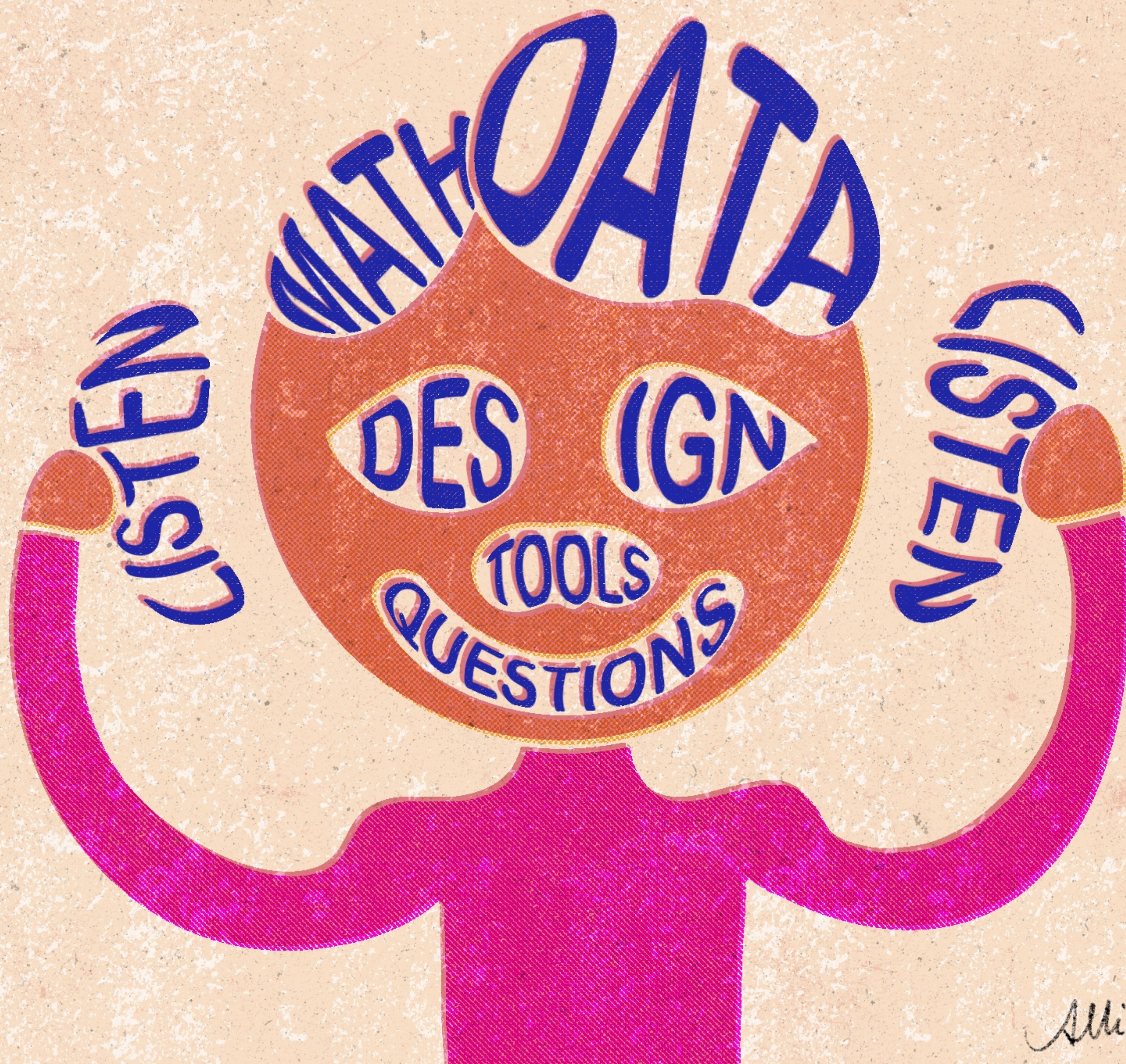
I help organizations, researchers and businesses to  
find truth and beauty in relevant and meaningful data.

How could we work together? [Let me know!](#)

### FEATURED PROJECTS







Alli Torban

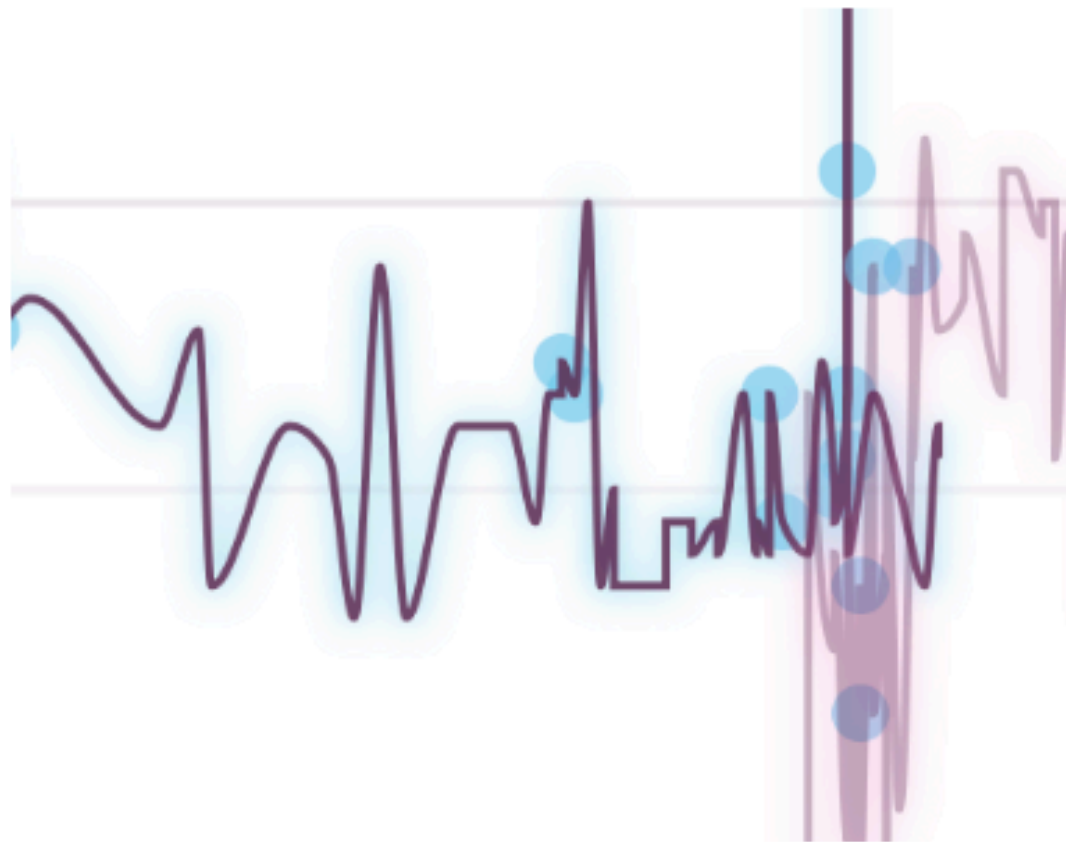
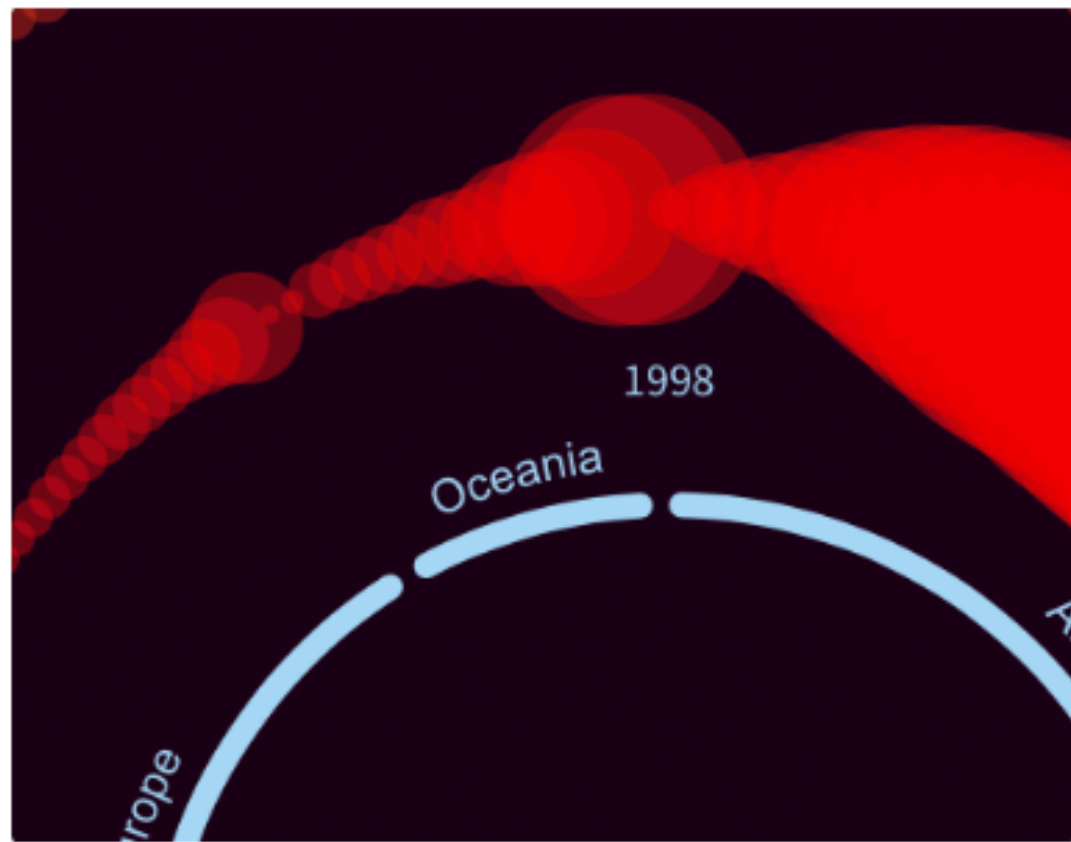
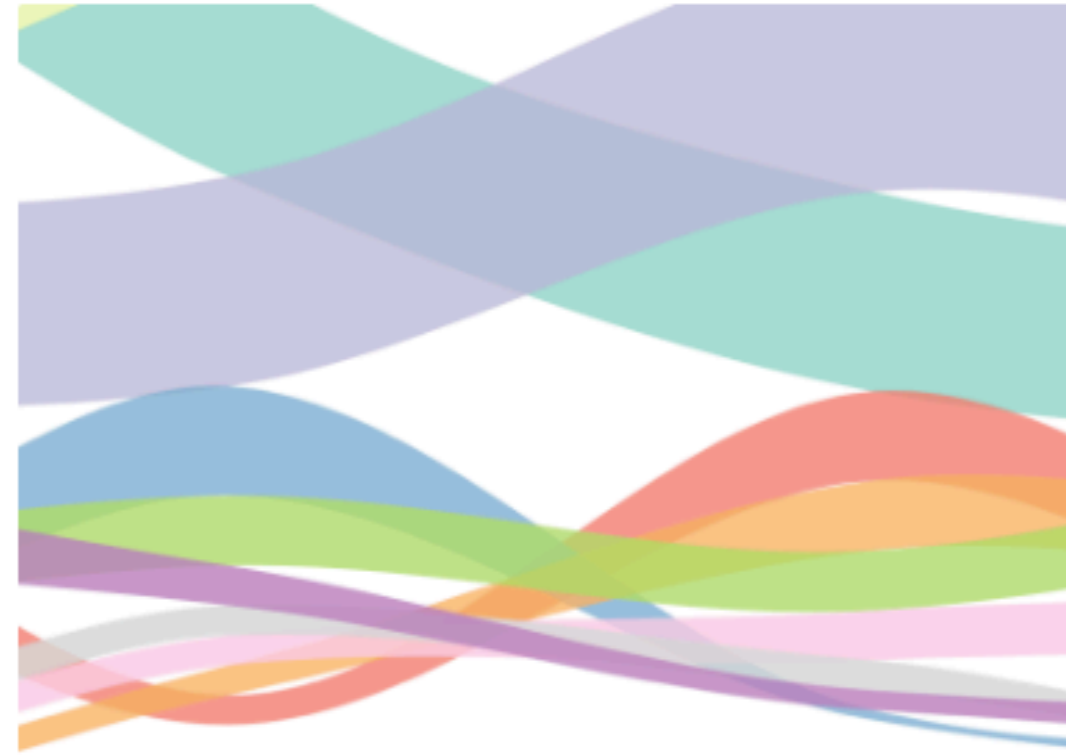
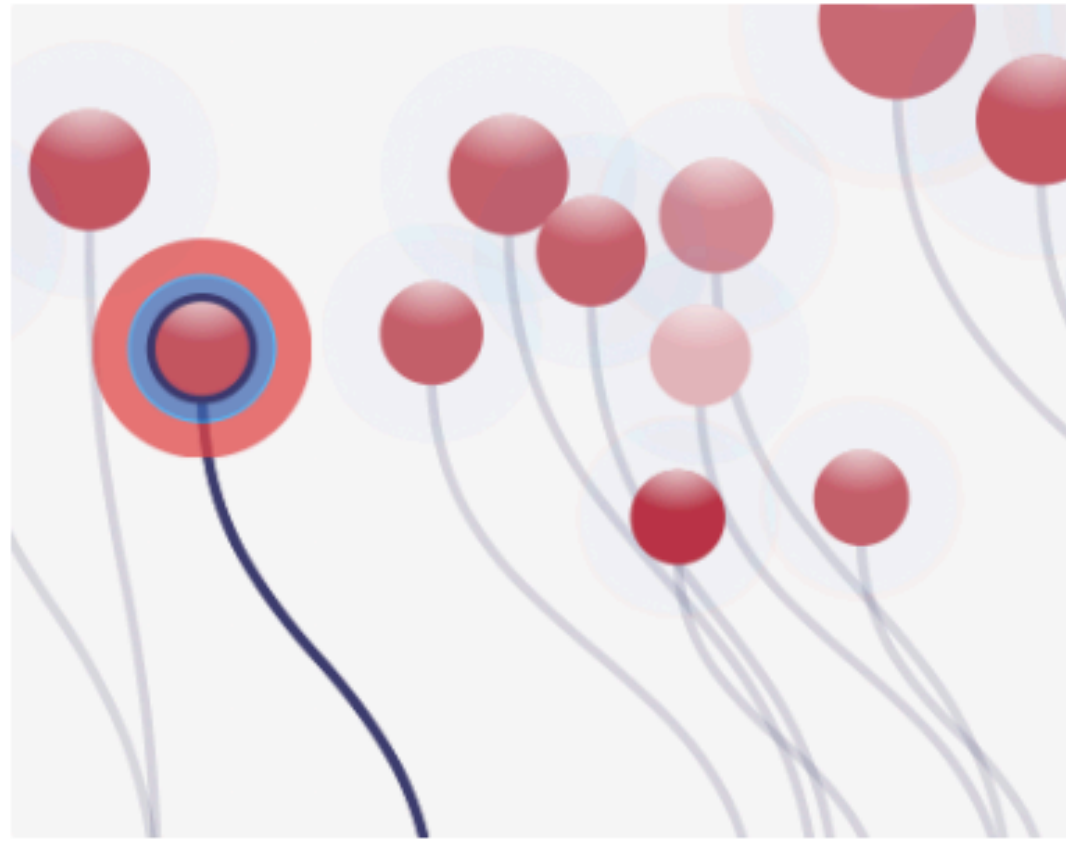
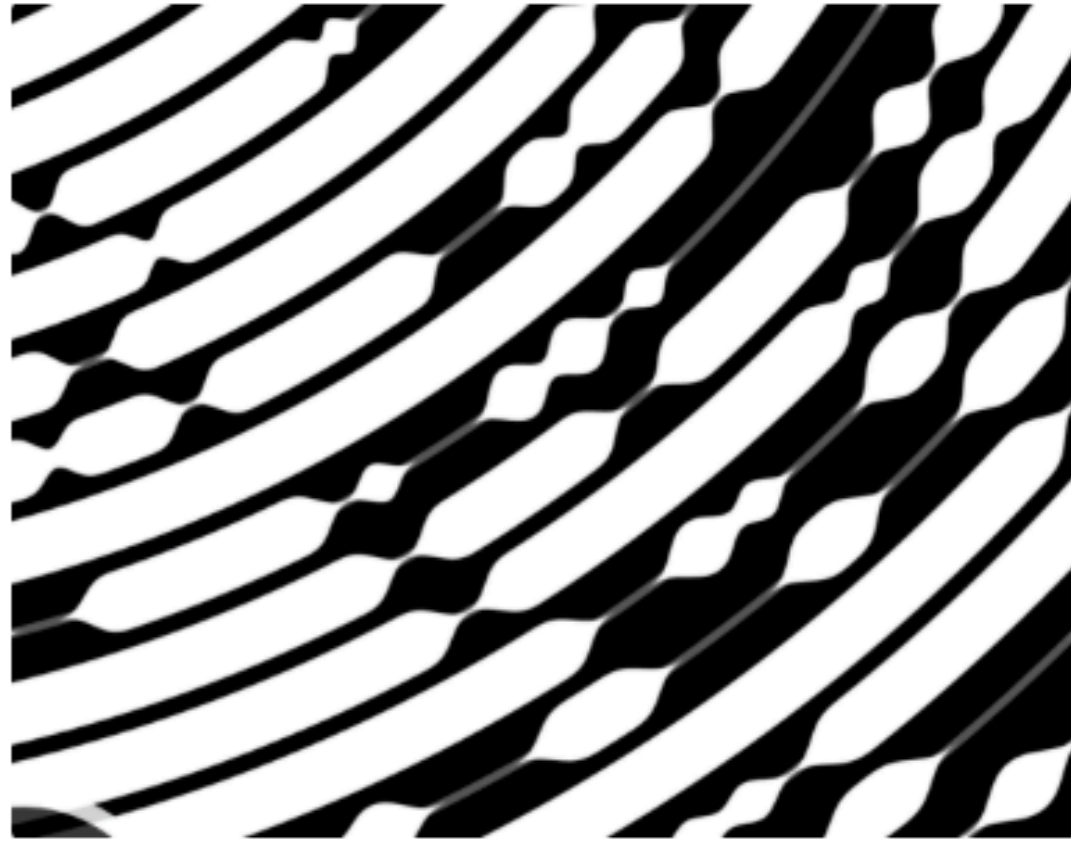
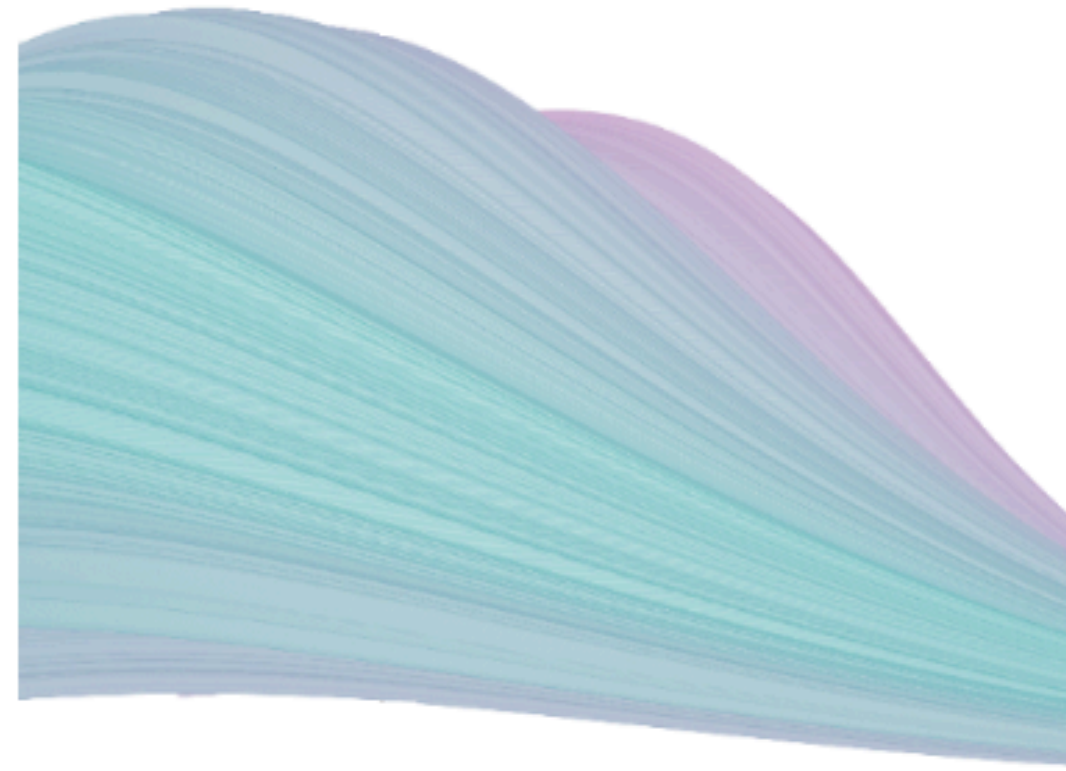
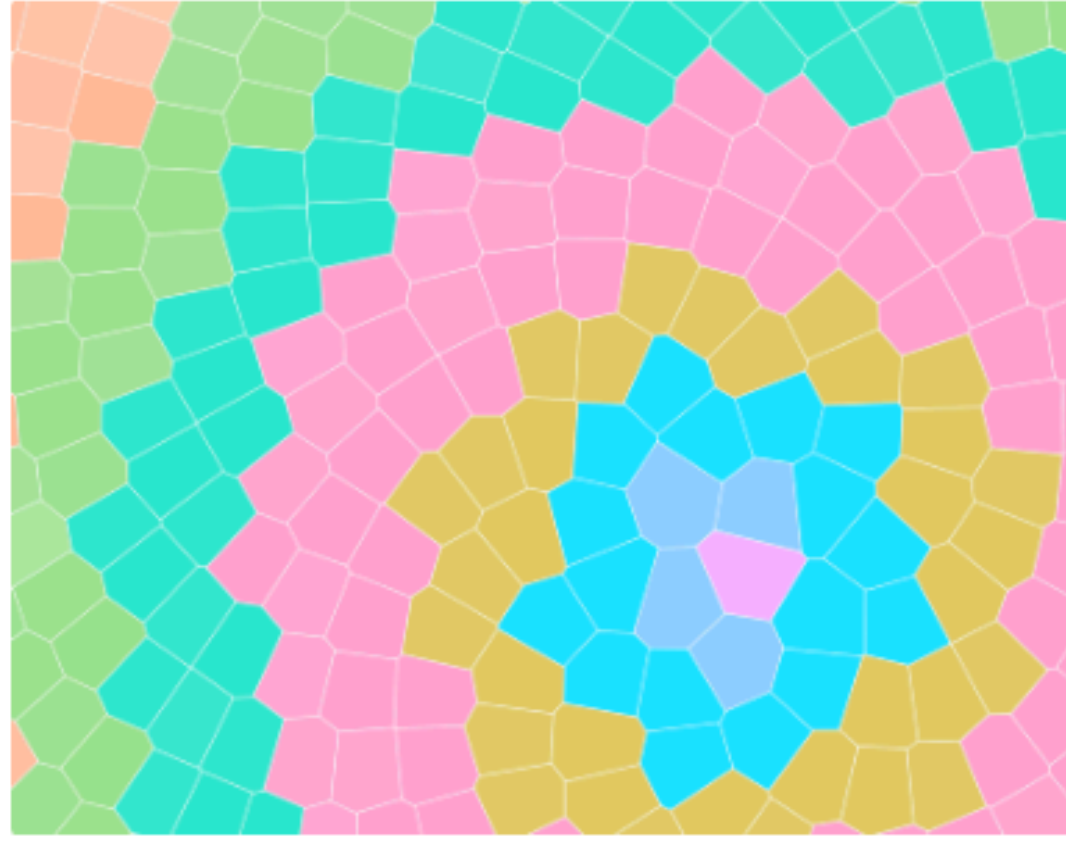


2020



*higsch*

I am a designer creating knowledge through data visualization.







# Visualizing Censorship in Iran

Since Iran's Constitutional Revolution in 1905 and the birth of modern media in the country, successive Iranian governments have intimidated, imprisoned, tortured and killed journalists and activists who use the media to share information with others. This pattern of brutality has worsened since the 1979 Islamic Revolution. The Islamic Republic has consistently been one of the world's worst perpetrators of crimes against journalists and information activists for the past four decades.

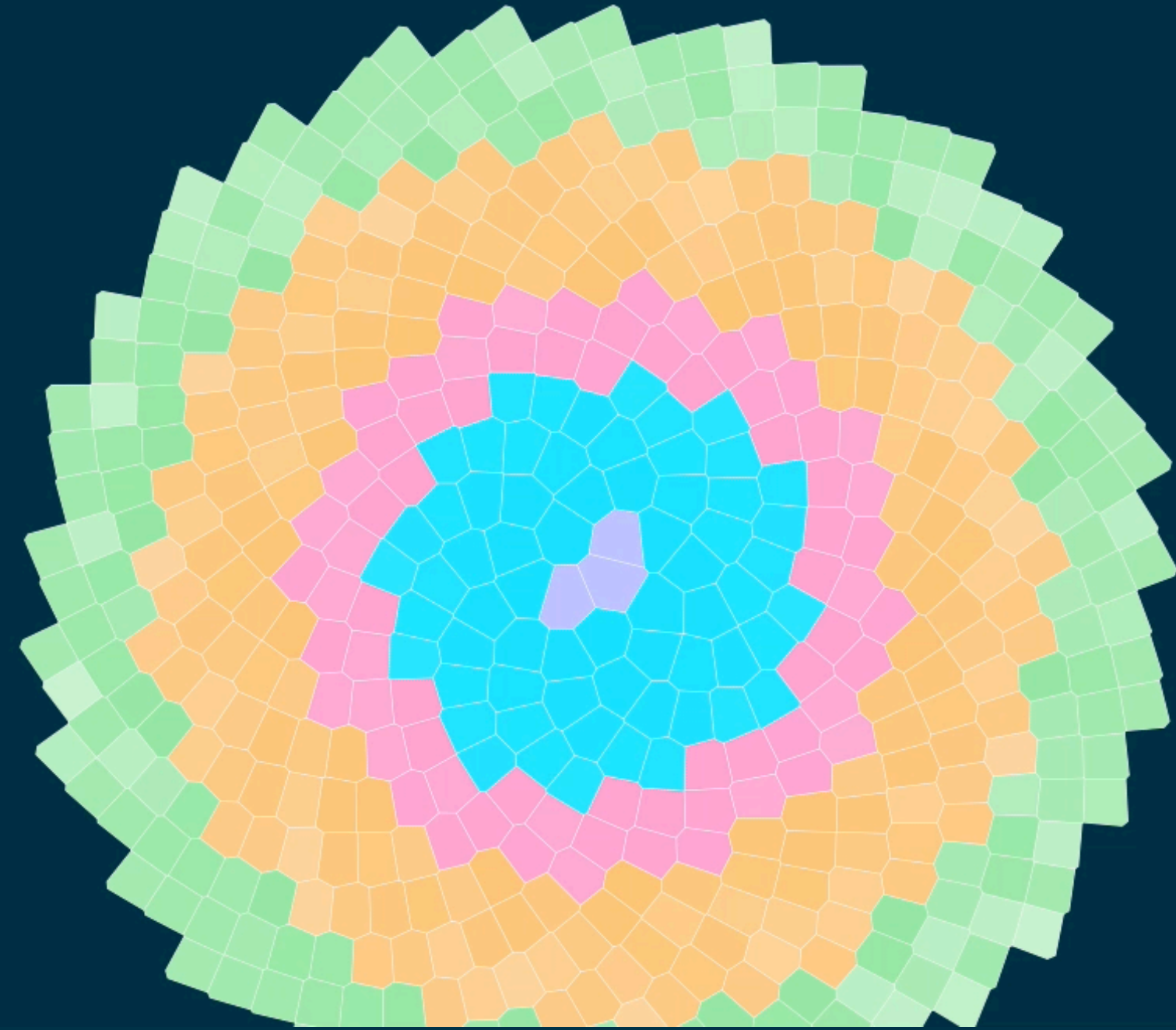
Visualizing Censorship in Iran is an index of Iranian journalists, bloggers and activists who have been harassed, detained, jailed, exiled and in some cases executed by the state for their work. This live project aims to compile a comprehensive record of all journalists who have faced such treatment since 1905. We know this is an ambitious plan. We have started by working our way backwards: recording all the known cases of our own friends and colleagues who have been abused by the authorities in the past thirty years. You can help us complete the list by contacting [info@journalismisnotacrime.com](mailto:info@journalismisnotacrime.com).

Explore the data by checking different squares  and diamonds .

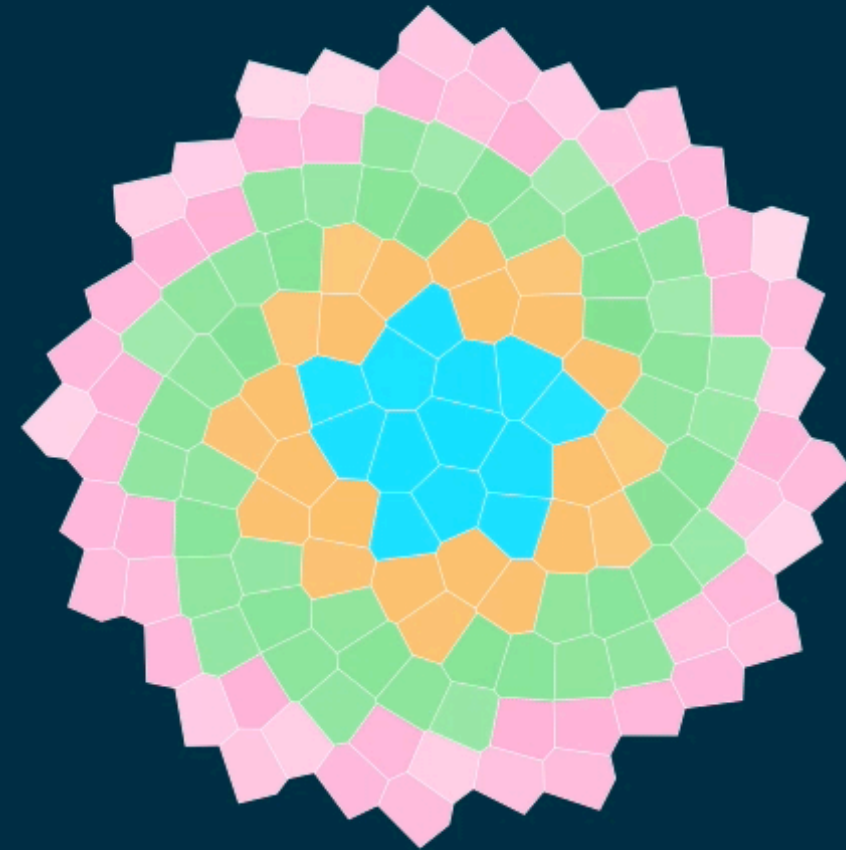
- Occupation
- Investigating institution Breakdown
- Status
- Gender
- Ethnicity

Overview

Journalist



Social media activist



7



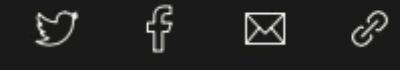
**The chance to get  
on a larger platform**



2021







9292  
Tote



März 2020

9. September 2020

November 2021



Biochemistry



Bioinformatics



Freelance data visualisation

DER SPIEGEL  
graphics desk



Workshops



**Follow your interests**



**That's you**



Have you already worked with data?



yes



no



How comfortable do you feel with “data analysis”?





How comfortable do you feel with “visualizing data“?





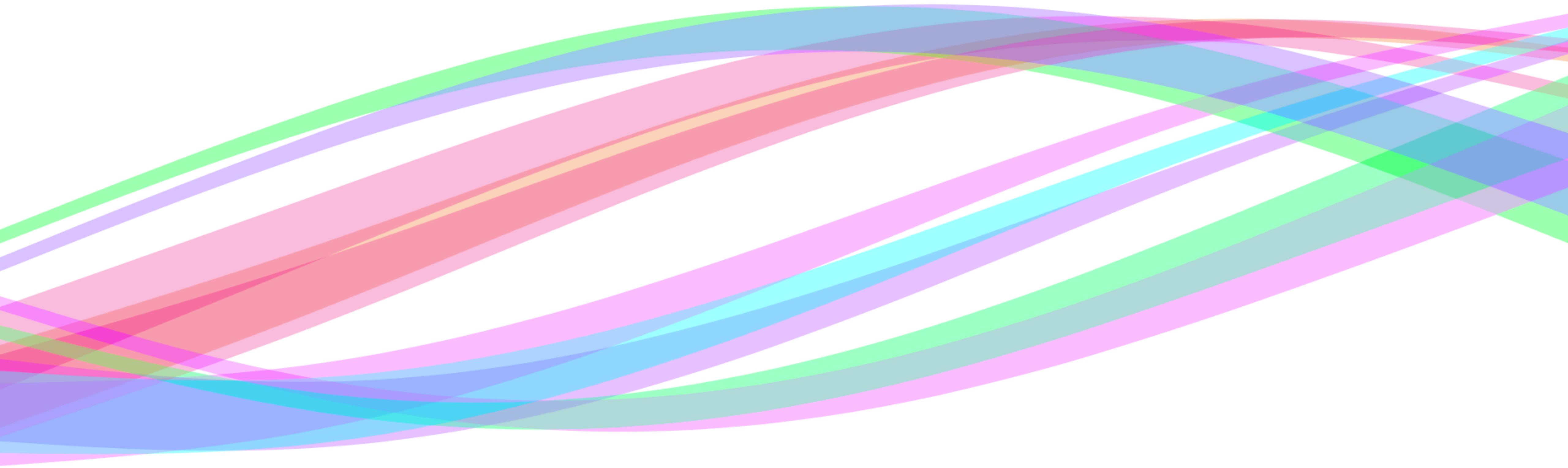
# Course material

Can be found online:

<https://www.higsch.com/workshop/data-visualization-koeln-2024/>







Matthias Stahl, PhD

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[higsch.com](http://higsch.com)